

CLAIMS

1. A composition for delivery of rizatriptan consisting of a condensation aerosol
 - a) formed by volatilizing a thin layer of rizatriptan on a solid support, having the surface texture of a metal foil, to a temperature sufficient to produce a heated vapor of rizatriptan and condensing the heated vapor of rizatriptan to form condensation aerosol particles,
 - b) wherein said condensation aerosol particles are characterized by less than 5% rizatriptan degradation products, and
 - c) the condensation aerosol has an MMAD of less than 3 microns.
2. The composition according to Claim 1, wherein the aerosol particles are formed at a rate of at least 10^9 particles per second.
3. The composition according to Claim 2, wherein the aerosol particles are formed at a rate of at least 10^{10} particles per second.
4. A composition for delivery of zolmitriptan consisting of a condensation aerosol
 - a) formed by volatilizing a thin layer of zolmitriptan on a solid support, having the surface texture of a metal foil, to a temperature sufficient to produce a heated vapor of zolmitriptan and condensing the heated vapor of zolmitriptan to form condensation aerosol particles,
 - b) wherein said condensation aerosol particles are characterized by less than 5% zolmitriptan degradation products, and
 - c) the condensation aerosol has an MMAD of less than 3 microns.
5. The composition according to Claim 4, wherein the aerosol particles are formed at a rate of at least 10^9 particles per second.
6. The composition according to Claim 5, wherein the aerosol particles are formed at a rate of at least 10^{10} particles per second.

7. A composition for delivery of sumatriptan consisting of a condensation aerosol
 - a) formed by volatilizing a thin layer of sumatriptan on a solid support, having the surface texture of a metal foil, to a temperature sufficient to produce a heated vapor of sumatriptan and condensing the heated vapor of sumatriptan to form condensation aerosol particles,
 - b) wherein said condensation aerosol particles are characterized by less than 5% sumatriptan degradation products, and
 - c) the condensation aerosol has an MMAD of less than 3 microns.
8. The composition according to Claim 7, wherein the aerosol particles are formed at a rate of at least 10^9 particles per second.
9. The composition according to Claim 8, wherein the aerosol particles are formed at a rate of at least 10^{10} particles per second.
10. A composition for delivery of frovatriptan consisting of a condensation aerosol
 - a) formed by volatilizing a thin layer of frovatriptan on a solid support, having the surface texture of a metal foil, to a temperature sufficient to produce a heated vapor of frovatriptan and condensing the heated vapor of frovatriptan to form condensation aerosol particles,
 - b) wherein said condensation aerosol particles are characterized by less than 5% frovatriptan degradation products, and
 - c) the condensation aerosol has an MMAD of less than 3 microns.
11. The composition according to Claim 10, wherein the aerosol particles are formed at a rate of at least 10^9 particles per second.
12. The composition according to Claim 11, wherein the aerosol particles are formed at a rate of at least 10^{10} particles per second.
13. A composition for delivery of naratriptan consisting of a condensation

aerosol

a) formed by volatilizing a thin layer of naratriptan on a solid support, having the surface texture of a metal foil, to a temperature sufficient to produce a heated vapor of naratriptan and condensing the heated vapor of naratriptan to form condensation aerosol particles,

b) wherein said condensation aerosol particles are characterized by less than 5% naratriptan degradation products, and

c) the condensation aerosol has an MMAD of less than 3 microns.

14. The composition according to Claim 13, wherein the aerosol particles are formed at a rate of at least 10^9 particles per second.

15. The composition according to Claim 14, wherein the aerosol particles are formed at a rate of at least 10^{10} particles per second.

16. A method of producing rizatriptan in an aerosol form comprising:

a. heating a thin layer of rizatriptan on a solid support, having the surface texture of a metal foil, to a temperature sufficient to volatilize the rizatriptan to form a heated vapor of the rizatriptan, and

b. during said heating, passing air through the heated vapor to produce aerosol particles of the rizatriptan comprising less than 5% rizatriptan degradation products, and an aerosol having an MMAD of less than 3 microns.

17. The method according to Claim 16, wherein the aerosol particles are formed at a rate of greater than 10^9 particles per second.

18. The method according to Claim 17, wherein the aerosol particles are formed at a rate of greater than 10^{10} particles per second

19. A method of producing zolmitriptan in an aerosol form comprising:

a. heating a thin layer of zolmitriptan on a solid support, having the surface texture of a metal foil, to a temperature sufficient to volatilize the zolmitriptan to form a heated vapor of the zolmitriptan, and

b. during said heating, passing air through the heated vapor to produce aerosol particles of the zolmitriptan comprising less than 5% zolmitriptan degradation products, and an aerosol having an MMAD of less than 3 microns.

20. The method according to Claim 19, wherein the aerosol particles are formed at a rate of greater than 10^9 particles per second.

21. The method according to Claim 20, wherein the aerosol particles are formed at a rate of greater than 10^{10} particles per second.

22. A method of producing sumatriptan in an aerosol form comprising:

a. heating a thin layer of sumatriptan on a solid support, having the surface texture of a metal foil, to a temperature sufficient to volatilize the sumatriptan to form a heated vapor of the sumatriptan, and

b. during said heating, passing air through the heated vapor to produce aerosol particles of the sumatriptan comprising less than 5% sumatriptan degradation products, and an aerosol having an MMAD of less than 3 microns.

23. The method according to Claim 22, wherein the aerosol particles are formed at a rate of greater than 10^9 particles per second.

24. The method according to Claim 23, wherein the aerosol particles are formed at a rate of greater than 10^{10} particles per second.

25. A method of producing frovatriptan in an aerosol form comprising:

a. heating a thin layer of frovatriptan on a solid support, having the surface texture of a metal foil, to a temperature sufficient to volatilize the frovatriptan to form a heated vapor of the frovatriptan, and

b. during said heating, passing air through the heated vapor to produce aerosol particles of the frovatriptan comprising less than 5% frovatriptan degradation products, and an aerosol having an MMAD of less than 3 microns.

26. The method according to Claim 25, wherein the aerosol particles are formed at a rate of greater than 10^9 particles per second.

27. The method according to Claim 26, wherein the aerosol particles are formed at a rate of greater than 10^{10} particles per second.

28. A method of producing naratriptan in an aerosol form comprising:

- a. heating a thin layer of naratriptan on a solid support, having the surface texture of a metal foil, to a temperature sufficient to volatilize the naratriptan to form a heated vapor of the naratriptan, and
- b. during said heating, passing air through the heated vapor to produce aerosol particles of the naratriptan comprising less than 5% naratriptan degradation products, and an aerosol having an MMAD of less than 3 microns.

29. The method according to Claim 28, wherein the aerosol particles are formed at a rate of greater than 10^9 particles per second.

30. The method according to Claim 29, wherein the aerosol particles are formed at a rate of greater than 10^{10} particles per second.